



LDO5500 Fluorescence Online Dissolved Oxygen Analyzer



Fluorescence industrial on-line dissolved oxygen meter is a microprocessor based water quality on-line monitoring and control instrument with . The instrument equipped with fluorescent dissolved oxygen electrode is widely used in power plants, metallurgical electronics, mining, paper industry, food and beverage, water treatment, aquaculture and other industries; it continuously monitor and control the dissolved oxygen and temperature value of water solutions.

- 90*50 mm Large color LCD display
- Data Recording /Curve display/Data upload function
- Multiple automatic calibration
- Double high resistance measurement mode, stable and reliable
- Manual and automatic temperature compensation
- Three relay control switches
- High & low alarm and hysteresis control
- 4-20mA x2 & RS485 Multiple output modes
- Multi parameter display simultaneously shows
- Password protection to prevent misoperation by non-staff



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|------------------------------|--|
| Measurement range | 0-40mg/L; 0-100%; |
| Measurement unit | mg/L, % |
| Resolution | 0.01mg/L; 0.1% |
| Basic error | ±1%F.S |
| Temperature | -10~150°C |
| Temperature Resolution | 0.1°C |
| Temperature Basic error | ±0.3°C |
| Current outputs | Two 4~20mA, 20~4mA, 0~20mA |
| Signal output | RS485 MODBUS RTU |
| Other functions | Data record & Curve display |
| Three relay control contacts | 5A 250VAC, 5A 30VDC |
| Optional power supply | 85~265VAC, 9~36VDC, power consumption ≤ 3W |
| Working conditions | No strong magnetic field interference around except the geomagnetic field. |
| Working temperature | -10~60°C |
| Relative humidity | ≤ 90% |
| Waterproof rating | IP65 |
| Weight | 1.0kg |
| Dimensions (W*H*D) | 235×185×120mm |
| Installation methods | Wall Mounting |



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|--------------------------|-------------|
| Sensor Model No. | CS4760 |
| Replaceable membrane cap | MS4760 |
| Housing material | SS316L, POM |
| Thread | NPT 3/4" |
| Cable length | 10m |
| Connection | terminal |
| Dimensions | 220* φ 50mm |
| Weight | |
| Installation | Immersed |

